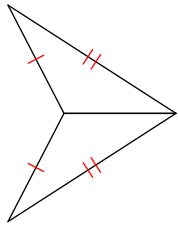


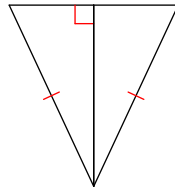
Unit 8.3 Prove Triangles Congruent by SSS, SAS and HL PRACTICE Period \_\_\_\_

Determine if the two triangles are congruent. If they are, state how you know.

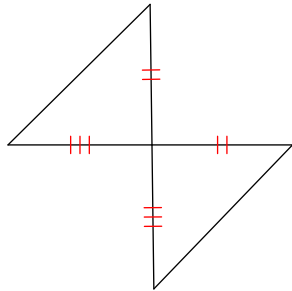
1) SSS



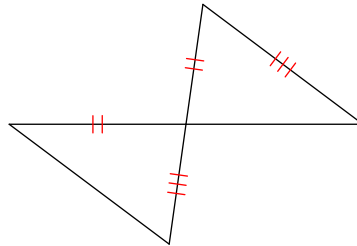
2) HL



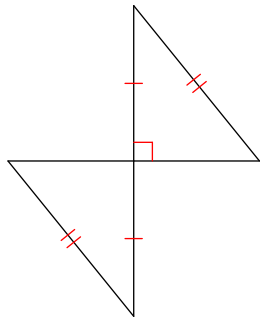
3) SAS



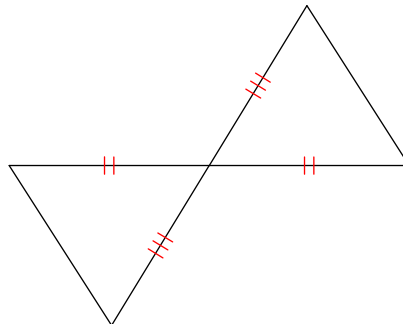
4) Not enough information



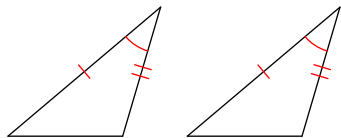
5) HL



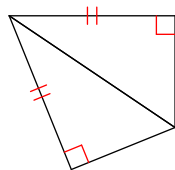
6) SAS



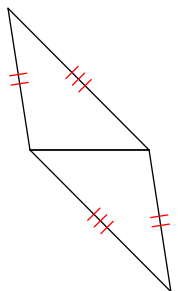
7) SAS



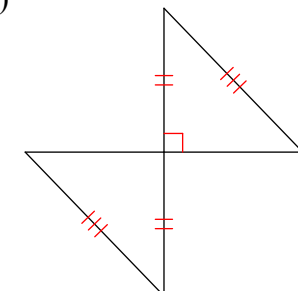
8) HL



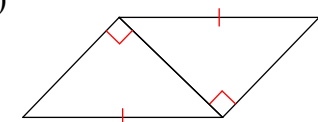
9) SSS



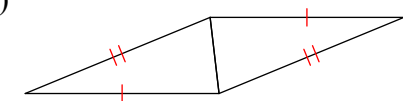
10) HL



11) HL



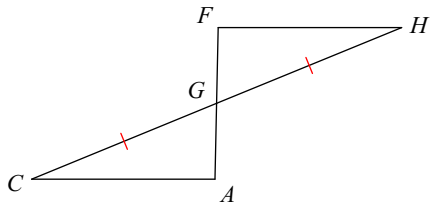
12) SSS



State what additional information is required in order to know that the triangles are congruent for the reason given.

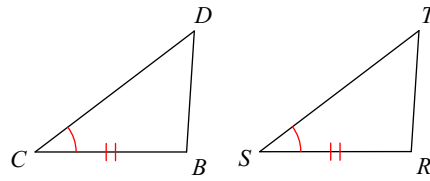
13) SAS

$\overline{GF} \cong \overline{GA}$



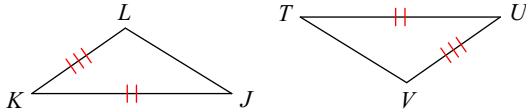
14) SAS

$\overline{CD} \cong \overline{ST}$



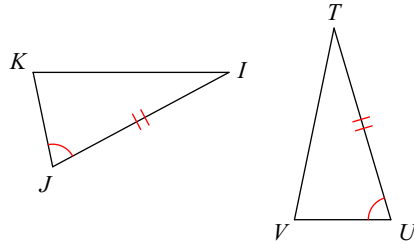
15) SSS

$\overline{LJ} \cong \overline{VT}$



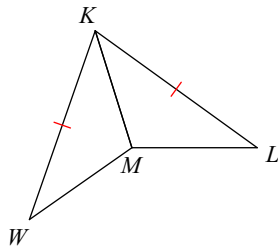
16) SAS

$\overline{JK} \cong \overline{UV}$



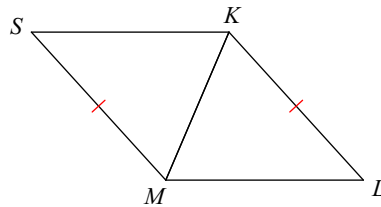
17) SSS

$\overline{LM} \cong \overline{WM}$



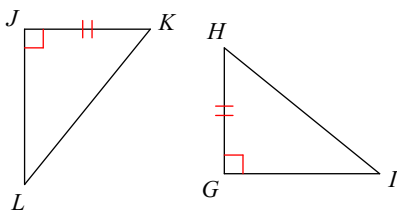
18) SSS

$\overline{LM} \cong \overline{SK}$



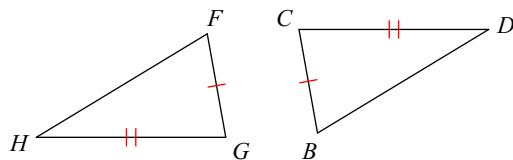
19) HL

$\overline{KL} \cong \overline{HI}$



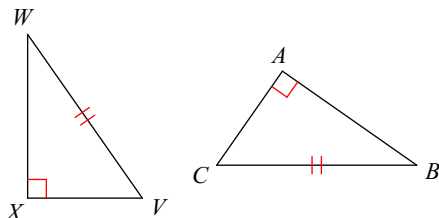
20) SAS

$\angle G \cong \angle C$



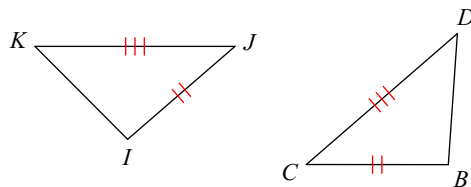
21) HL

$\overline{XW} \cong \overline{AB} \text{ or } \overline{VZ}$



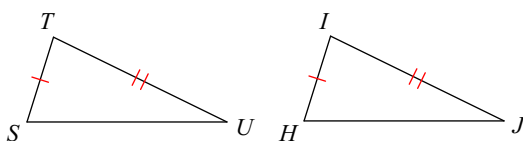
22) SAS

$\angle J \cong \angle C$



23) SSS

$\overline{US} \cong \overline{JH}$



24) SAS

$\overline{KL} \cong \overline{QM}$

